

INPUT SET: S24895.raw

47 Met Gly Leu Trp Gly Gln Ser Val Pro Thr Ala Ser Ser Ala Arg
48 1 5 10 15
49
50 Ala Gly Arg Tyr Pro Gly Ala Arg Thr Ala Ser Gly Thr Arg Pro
51 20 25 30
52
53 Trp Leu Leu Asp Pro Lys Ile Leu Lys Phe Val Val Phe Ile Val
54 35 40 45
55
56 Ala Val Leu Leu Pro Val Arg Val Asp Ser Ala Thr Ile Pro Arg
57 50 55 60
58
59 Gln Asp Glu Val Pro Gln Gln Thr Val Ala Pro Gln Gln Gln Arg
60 65 70 75
61
62 Arg Ser Leu Lys Glu Glu Glu Cys Pro Ala Gly Ser His Arg Ser
63 80 85 90
64
65 Glu Tyr Thr Gly Ala Cys Asn Pro Cys Thr Glu Gly Val Asp Tyr
66 95 100 105
67
68 Thr Ile Ala Ser Asn Asn Leu Pro Ser Cys Leu Leu Cys Thr Val
69 110 115 120
70
71 Cys Lys Ser Gly Gln Thr Asn Lys Ser Ser Cys Thr Thr Thr Arg
72 125 130 135
73
74 Asp Thr Val Cys Gln Cys Glu Lys Gly Ser Phe Gln Asp Lys Asn
75 140 145 150
76
77 Ser Pro Glu Met Cys Arg Thr Cys Arg Thr Gly Cys Pro Arg Gly
78 155 160 165
79
80 Met Val Lys Val Ser Asn Cys Thr Pro Arg Ser Asp Ile Lys Cys
81 170 175 180
82
83 Lys Asn Glu Ser Ala Ala Ser Ser Thr Gly Lys Thr Pro Ala Ala
84 185 190 195
85
86 Glu Glu Thr Val Thr Thr Ile Leu Gly Met Leu Ala Ser Pro Tyr
87 200 205 210
88
89 His Tyr Leu Ile Ile Ile Val Val Leu Val Ile Ile Leu Ala Val
90 215 220 225
91
92 Val Val Val Gly Phe Ser Cys Arg Lys Lys Phe Ile Ser Tyr Leu
93 230 235 240
94
95 Lys Gly Ile Cys Ser Gly Gly Gly Gly Pro Glu Arg Val His
96 245 250 255
97
98 Arg Val Leu Phe Arg Arg Arg Ser Cys Pro Ser Arg Val Pro Gly
99 260 265 270

INPUT SET: S24895.raw

100
101 Ala Glu Asp Asn Ala Arg Asn Glu Thr Leu Ser Asn Arg Tyr Leu
102 275 280 285
103
104 Gln Pro Thr Gln Val Ser Glu Gln Glu Ile Gln Gly Gln Glu Leu
105 290 295 300
106
107 Ala Glu Leu Thr Gly Val Thr Val Glu Xaa Pro Glu Glu Pro Gln
108 305 310 315
109
110 Arg Leu Leu Glu Gln Ala Glu Ala Glu Gly Cys Gln Arg Arg Arg
111 320 325 330
112
113 Leu Leu Val Pro Val Asn Asp Ala Asp Ser Ala Asp Ile Ser Thr
114 335 340 345
115
116 Leu Leu Asp Ala Ser Ala Thr Leu Glu Glu Gly His Ala Lys Glu
117 350 355 360
118
119 Thr Ile Gln Asp Gln Leu Val Gly Ser Glu Lys Leu Phe Tyr Glu
120 365 370 375
121
122 Glu Asp Glu Ala Gly Ser Ala Thr Ser Cys Leu
123 380 385 386
124
125 (2) INFORMATION FOR SEQ ID NO:2:
126
127 (i) SEQUENCE CHARACTERISTICS:
128 (A) LENGTH: 2082 base pairs
129 (B) TYPE: Nucleic Acid
130 (C) STRANDEDNESS: Single
131 (D) TOPOLOGY: Linear
132
133 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
134
135
136 CCAACTGCAC CTCGGTTCTA TCGATTGAAT TCCCCGGGA TCCTCTAGAG 50
137
138 ATCCCTCGAC CTCGACCCAC GCGTCCGGAA CCTTTGCACG CGCACAAACT 100
139
140 ACGGGGACGA TTTCTGATTG ATTTTTGGCG CTTTCGATCC ACCCTCCTCC 150
141
142 CTTCTC ATG GGA CTT TGG GGA CAA AGC GTC CCG ACC GCC 189
143 Met Gly Leu Trp Gly Gln Ser Val Pro Thr Ala
144 1 5 10
145
146 TCG AGC GCT CGA GCA GGG CGC TAT CCA GGA GCC AGG ACA 228
147 Ser Ser Ala Arg Ala Gly Arg Tyr Pro Gly Ala Arg Thr
148 15 20
149
150 GCG TCG GGA ACC AGA CCA TGG CTC CTG GAC CCC AAG ATC 267
151 Ala Ser Gly Thr Arg Pro Trp Leu Leu Asp Pro Lys Ile
152 25 30 35

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/918,874DATE: 04/10/98
TIME: 14:40:18

INPUT SET: S24895.raw

153 CTT AAG TTC GTC GTC TTC ATC GTC GCG GTT CTG CTG CCG 306
154 Leu Lys Phe Val Val Phe Ile Val Ala Val Leu Leu Pro
155 40 45 50
157
158 GTC CGG GTT GAC TCT GCC ACC ATC CCC CGG CAG GAC GAA 345
159 Val Arg Val Asp Ser Ala Thr Ile Pro Arg Gln Asp Glu
160 55 60
161
162 GTT CCC CAG CAG ACA GTG GCC CCA CAG CAA CAG AGG CGC 384
163 Val Pro Gln Gln Thr Val Ala Pro Gln Gln Gln Arg Arg
164 65 70 75
165
166 AGC CTC AAG GAG GAG GAG TGT CCA GCA GGA TCT CAT AGA 423
167 Ser Leu Lys Glu Glu Glu Cys Pro Ala Gly Ser His Arg
168 80 85
169
170 TCA GAA TAT ACT GGA GCC TGT AAC CCG TGC ACA GAG GGT 462
171 Ser Glu Tyr Thr Gly Ala Cys Asn Pro Cys Thr Glu Gly
172 90 95 100
173
174 GTG GAT TAC ACC ATT GCT TCC AAC AAT TTG CCT TCT TGC 501
175 Val Asp Tyr Thr Ile Ala Ser Asn Asn Leu Pro Ser Cys
176 105 110 115
177
178 CTG CTA TGT ACA GTT TGT AAA TCA GGT CAA ACA AAT AAA 540
179 Leu Leu Cys Thr Val Cys Lys Ser Gly Gln Thr Asn Lys
180 120 125
181
182 AGT TCC TGT ACC ACG ACC AGA GAC ACC GTG TGT CAG TGT 579
183 Ser Ser Cys Thr Thr Arg Asp Thr Val Cys Gln Cys
184 130 135 140
185
186 GAA AAA GGA AGC TTC CAG GAT AAA AAC TCC CCT GAG ATG 618
187 Glu Lys Gly Ser Phe Gln Asp Lys Asn Ser Pro Glu Met
188 145 150
189
190 TGC CGG ACG TGT AGA ACA GGG TGT CCC AGA GGG ATG GTC 657
191 Cys Arg Thr Cys Arg Thr Gly Cys Pro Arg Gly Met Val
192 155 160 165
193
194 AAG GTC AGT AAT TGT ACG CCC CGG AGT GAC ATC AAG TGC 696
195 Lys Val Ser Asn Cys Thr Pro Arg Ser Asp Ile Lys Cys
196 170 175 180
197
198 AAA AAT GAA TCA GCT GCC AGT TCC ACT GGG AAA ACC CCA 735
199 Lys Asn Glu Ser Ala Ala Ser Ser Thr Gly Lys Thr Pro
200 185 190
201
202 GCA GCG GAG GAG ACA GTG ACC ACC ATC CTG GGG ATG CTT 774
203 Ala Ala Glu Glu Thr Val Thr Thr Ile Leu Gly Met Leu
204 195 200 205
205

**RAW SEQUENCE LISTING
PATENT APPLICATION US/08/918,874**

DATE: 04/10/98
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SEQUENCE VERIFICATION REPORT
PATENT APPLICATION **US/08/918,874**

DATE: 04/10/98
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Line

Error

Original Text